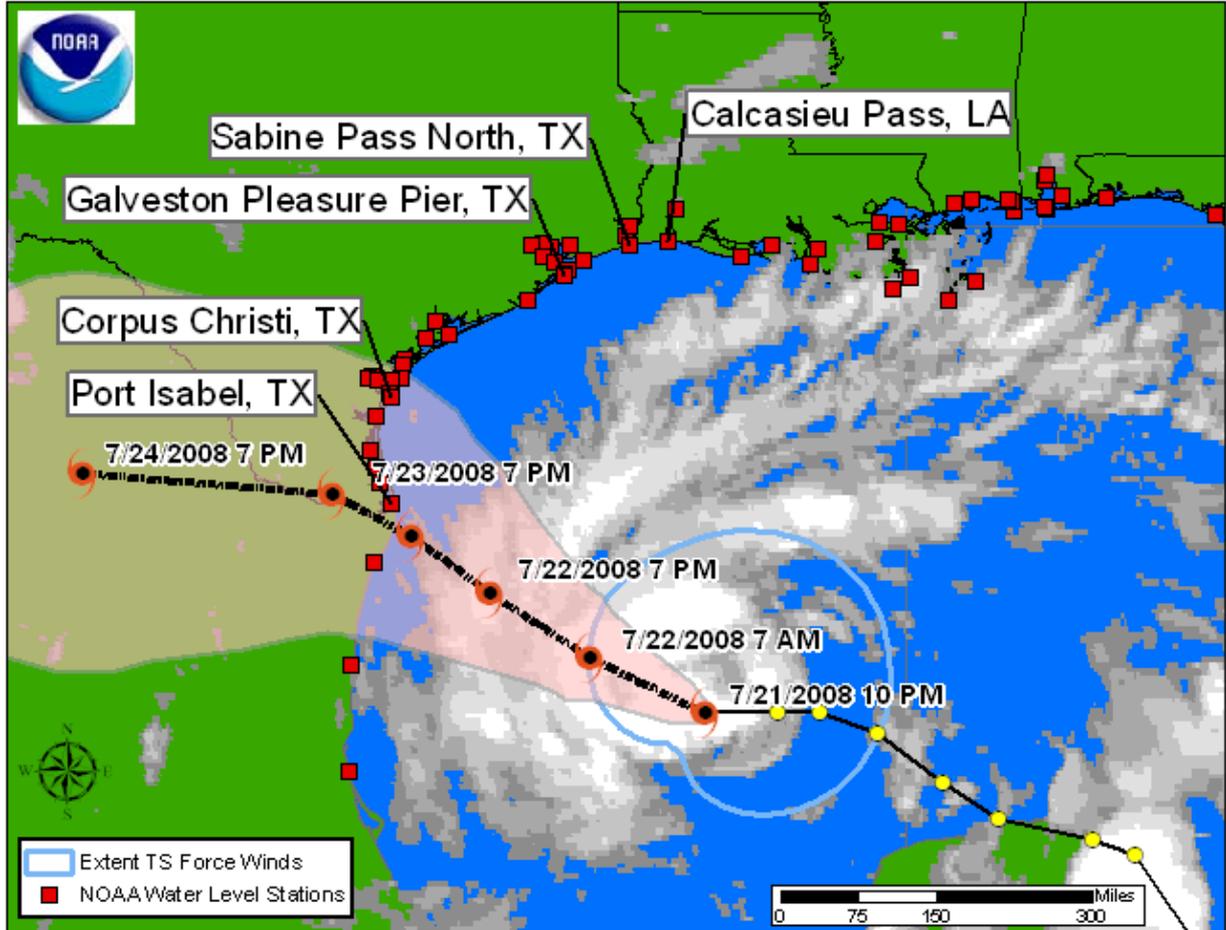




Tropical Storm DOLLY QuickLook
Posted: 23:00 CDT 07/21/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/21/2008 23:00 CDT, water levels along the Gulf coast remain at or up to 1 foot above predicted.

The next QuickLook will be issued at 05:00 CDT on July 22, 2008.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX: Next predicted high tide is 1.00 ft (0.30 m) on 07/22/2008 at 07:39 CDT..

Corpus Christi, TX: Next predicted high tide is 1.22 ft (0.37 m) on 07/22/2008 at 07:12 CDT.

Galveston Pleasure pier, TX: Next predicted high tide is 1.70 ft (0.52 m) on 07/22/2008 at

06:53 CDT.

Sabine Pass North: Next predicted high tide is 1.40 ft (0.43 m) on 07/22/2008 at 07:08 CDT.

Calcasieu Pass, LA: Next predicted high tide is 1.70 ft (0.52 m) on 07/22/2008 at 06:12 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM DOLLY ADVISORY NUMBER 7

HURRICANE WARNINGS ISSUED...

AT 10 PM CDT A HURRICANE WARNING HAS BEEN ISSUED FROM BROWNSVILLE TO PORT O'CONNOR TEXAS. A HURRICANE WARNING MEANS THAT HURRICANE CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION.

AT 10 PM CDT...A TROPICAL STORM WARNING HAS BEEN ISSUED FROM NORTH OF PORT O'CONNOR TO SAN LUIS PASS. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.

AT 1000 PM CDT THE CENTER OF TROPICAL STORM DOLLY WAS LOCATED NEAR LATITUDE 23.1 NORTH...LONGITUDE 92.8 WEST OR ABOUT 320 MILES...515 KM...EAST OF LA PESCA MEXICO AND ABOUT 435 MILES...695 KM...SOUTHEAST OF CORPUS CHRISTI TEXAS.

DOLLY IS MOVING TOWARD THE WEST NEAR 17 MPH...28 KM/HR. A TURN TO THE WEST-NORTHWEST IS EXPECTED TOMORROW WITH A DECREASE IN FORWARD SPEED...FOLLOWED BY A TURN TO THE NORTHWEST ON WEDNESDAY. ON THIS TRACK...THE CENTER OF DOLLY SHOULD BE VERY NEAR THE WESTERN COAST OF THE GULF OF MEXICO ON WEDNESDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH...85 KM/HR...WITH HIGHER GUSTS. DOLLY IS EXPECTED TO BECOME A HURRICANE PRIOR TO LANDFALL.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 200 MILES...325 KM FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 999 MB...29.50 INCHES.

DOLLY IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 4 TO 8 INCHES...WITH ISOLATED AMOUNTS OF 15 INCHES...OVER MUCH OF SOUTH TEXAS AND NORTHEASTERN MEXICO OVER THE NEXT FEW DAYS. DOLLY IS EXPECTED TO PRODUCE ADDITIONAL AMOUNTS OF 1 TO 3 INCHES OVER THE NORTHERN YUCATAN PENINSULA.

COASTAL STORM SURGE FLOODING OF 4-6 FEET ABOVE NORMAL TIDE LEVELS...ALONG WITH LARGE AND DANGEROUS BATTERING WAVES...CAN BE EXPECTED NEAR AND TO THE NORTH OF WHERE THE CENTER MAKES LANDFALL.

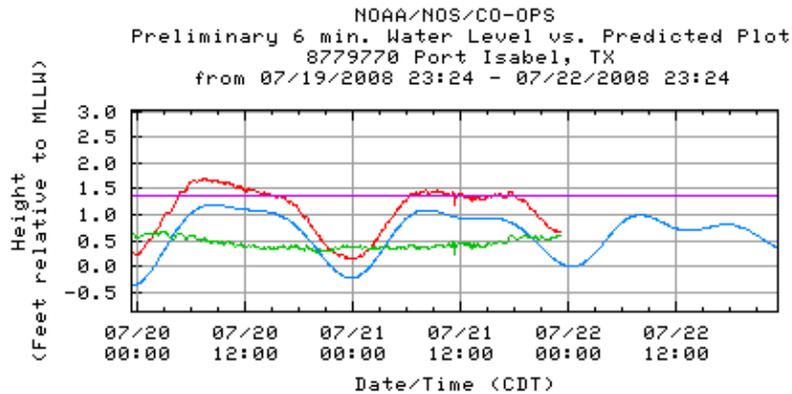
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FORECASTER FRANKLIN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port Isabel - Water Level](#), [Port Isabel - Air/Water Temp](#), [Port Isabel - Barometric](#), [Corpus Christi - Water Level](#), [Corpus Christi - Air/Water Temp](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Air/Water Temp](#), [Sabine Pass North - Winds](#), [Sabine Pass North - Barometric](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Calcasieu Pass - Barometric](#),

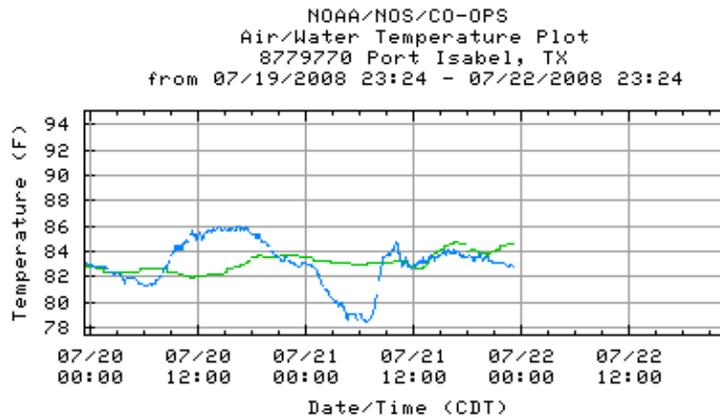
Port Isabel, TX - Station Map [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 07/21/2008 23:06 (CDT)
 Relative to **MLLW**: **Observed: 0.67 ft. Predicted: 0.07 ft. Residual: 0.60 ft.**
 Historical Maximum Water Level: 08/09/1980, 5.67 ft. above **MHHW**

Port Isabel, TX - Station Map [Return to List](#)

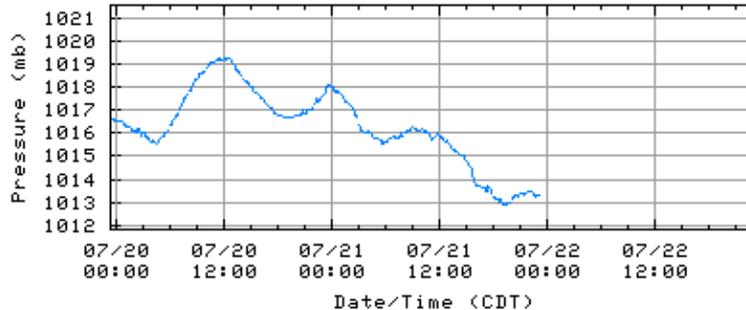


water temp. ——— air temp ———

Last Observed Sample: 07/21/2008 23:06 (CDT)
Water Temperature: 84.6° F Air Temperature: 82.8° F

Port Isabel, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8779770 Port Isabel, TX
 from 07/19/2008 23:24 - 07/22/2008 23:24



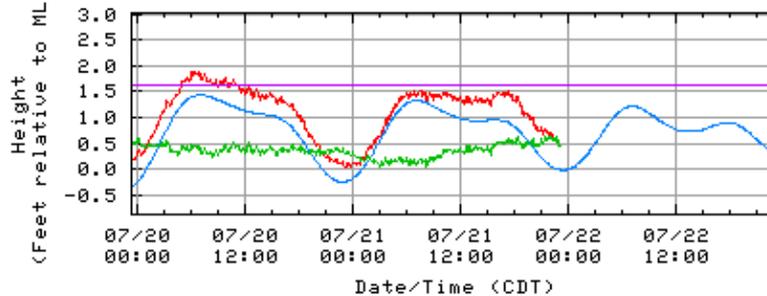
barometric pressure —

Last Observed Sample: 07/21/2008 23:06 (CDT)

Barometric Pressure: 1013.3 mb

Corpus Christi, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8775870 Corpus Christi, TX
 from 07/19/2008 23:24 - 07/22/2008 23:24



Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

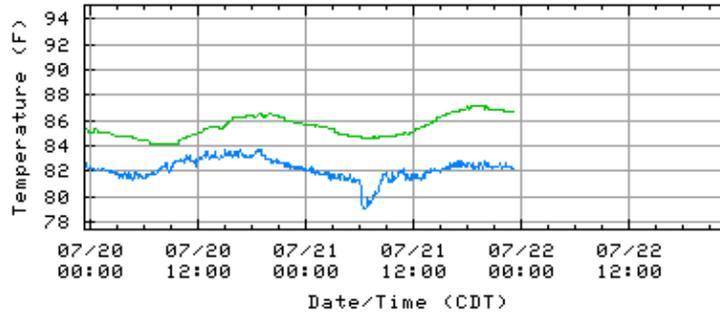
Last Observed Sample: 07/21/2008 23:06 (CDT)

Relative to **MLLW**: Observed: 0.43 ft. Predicted: -0.01 ft. Residual: 0.44 ft.

Historical Maximum Water Level: 09/10/1998, 3.33 ft. above **MHHW**

Corpus Christi, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
8775870 Corpus Christi, TX
from 07/19/2008 23:24 - 07/22/2008 23:24



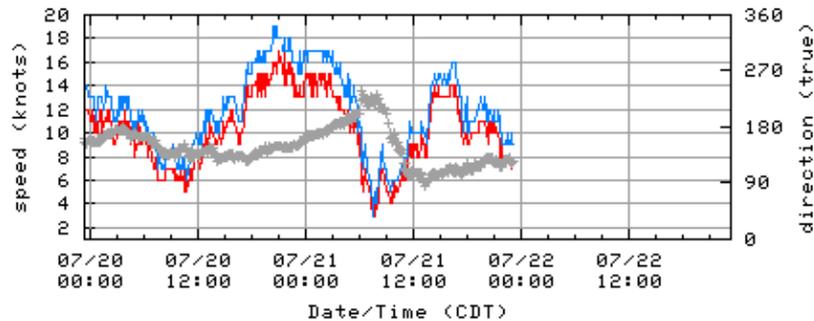
water temp. — air temp. —

Last Observed Sample: 07/21/2008 23:06 (CDT)

Water Temperature: 86.7° F Air Temperature: 82.2° F

Corpus Christi, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8775870 Corpus Christi, TX
from 07/19/2008 23:24 - 07/22/2008 23:24

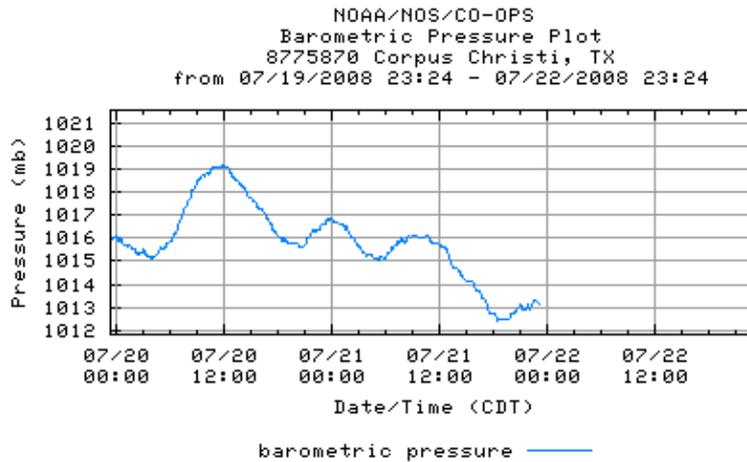


speed — gusts — direction +

Last Observed Sample: 07/21/2008 23:06 (CDT)

Wind Speed: 8 knots Gusts: 9 knots Direction: 125° T

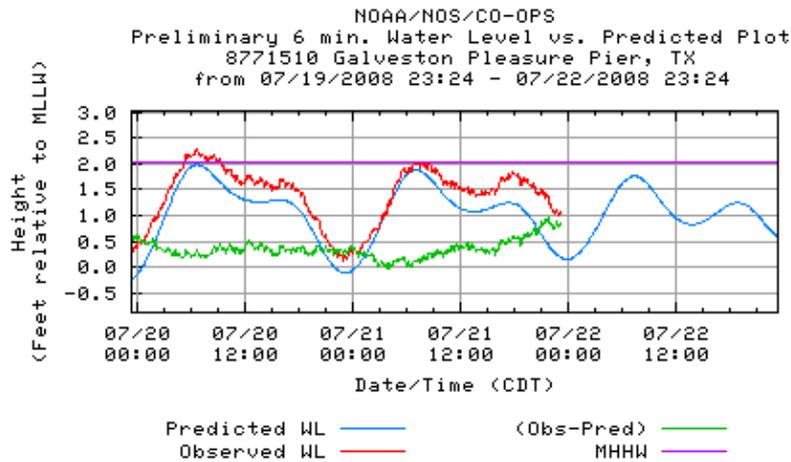
Corpus Christi, TX - Station Map [Return to List](#)



Last Observed Sample: 07/21/2008 23:06 (CDT)

Barometric Pressure: 1013.1 mb

Galveston Pleasure Pier, TX - Station Map [Return to List](#)

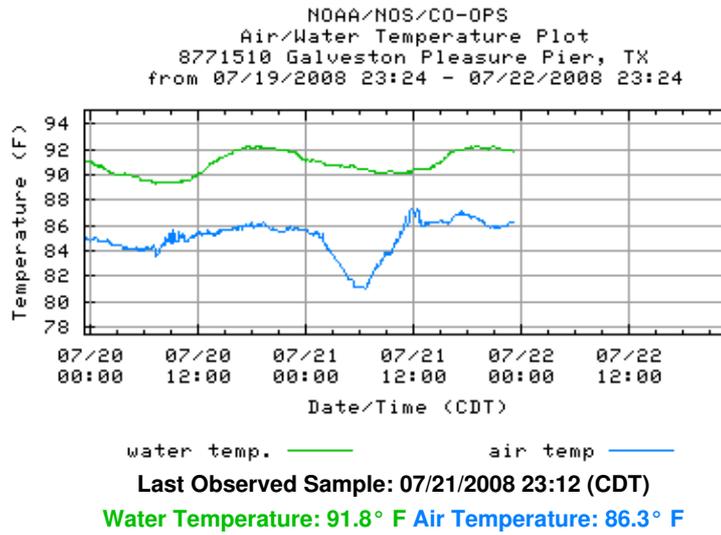


Last Observed Sample: 07/21/2008 23:12 (CDT)

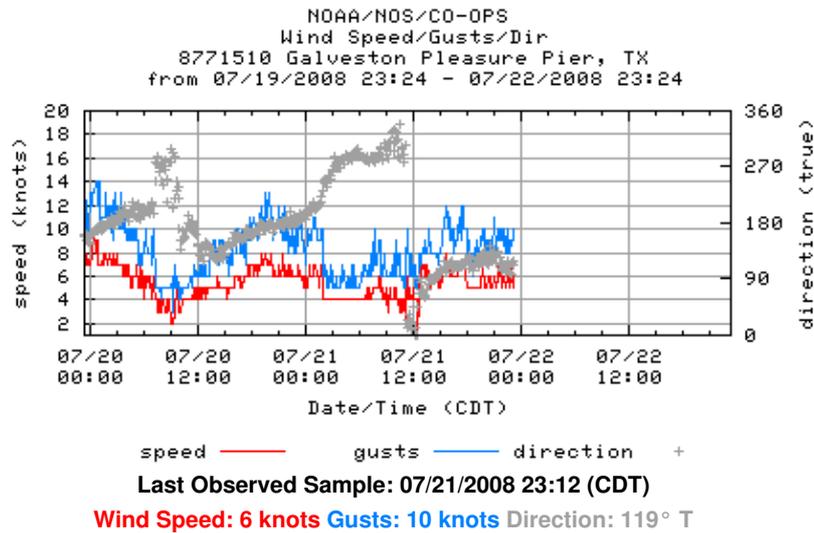
Relative to **MLLW**: Observed: 1.06 ft. Predicted: 0.19 ft. Residual: 0.87 ft.

Historical Maximum Water Level: 09/11/1961, 7.16 ft. above **MHHW**

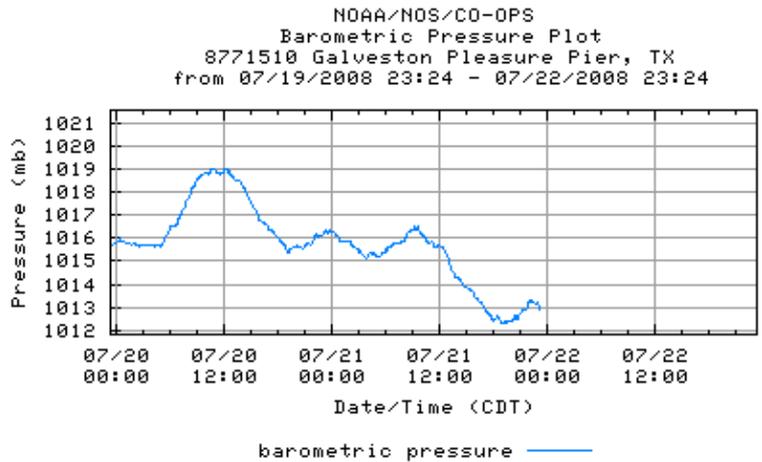
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



Galveston Pleasure Pier, TX - Station Map [Return to List](#)



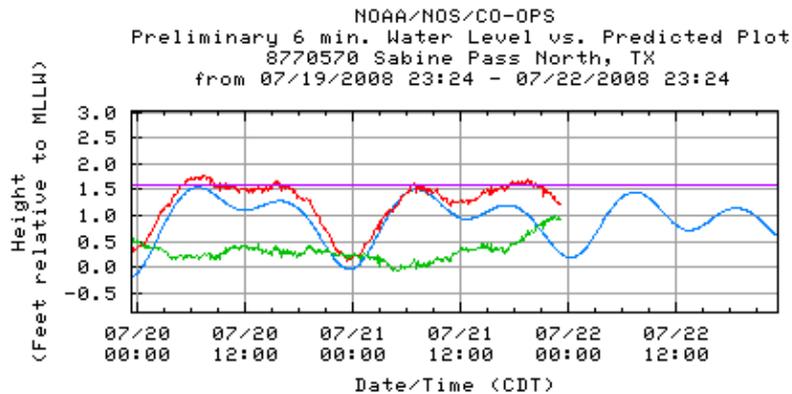
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



Last Observed Sample: 07/21/2008 23:12 (CDT)

Barometric Pressure: 1012.9 mb

Sabine Pass North, TX - Station Map [Return to List](#)

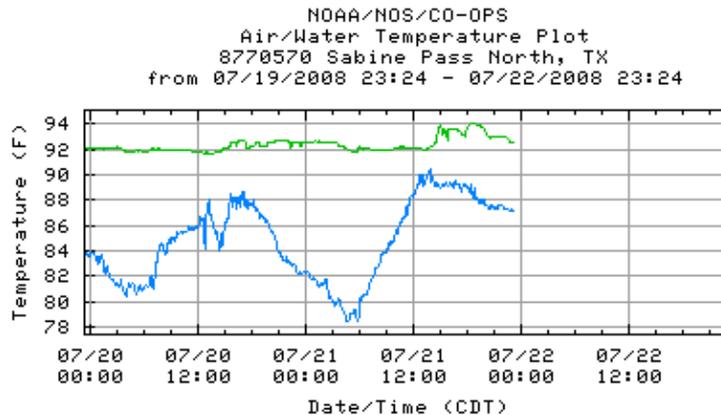


Last Observed Sample: 07/21/2008 23:06 (CDT)

Relative to **MLLW**: Observed: 1.22 ft. Predicted: 0.28 ft. Residual: 0.94 ft.

Historical Maximum Water Level: 09/11/1998, 3.32 ft. above **MHHW**

Sabine Pass North, TX - Station Map [Return to List](#)

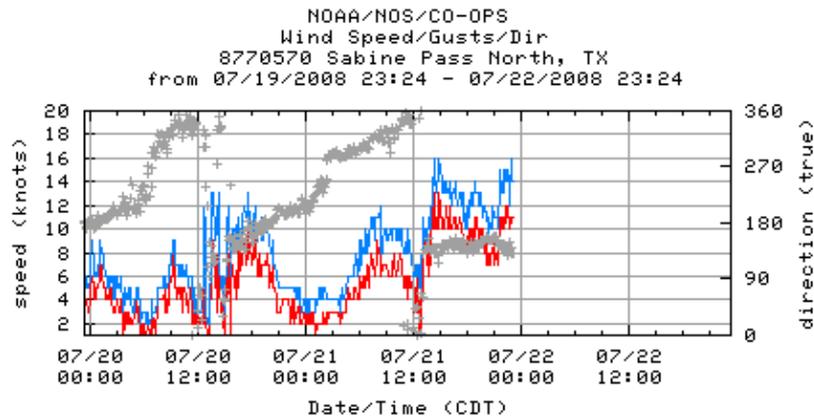


water temp. — air temp —

Last Observed Sample: 07/21/2008 23:06 (CDT)

Water Temperature: 92.5° F Air Temperature: 87.1° F

Sabine Pass North, TX - Station Map [Return to List](#)

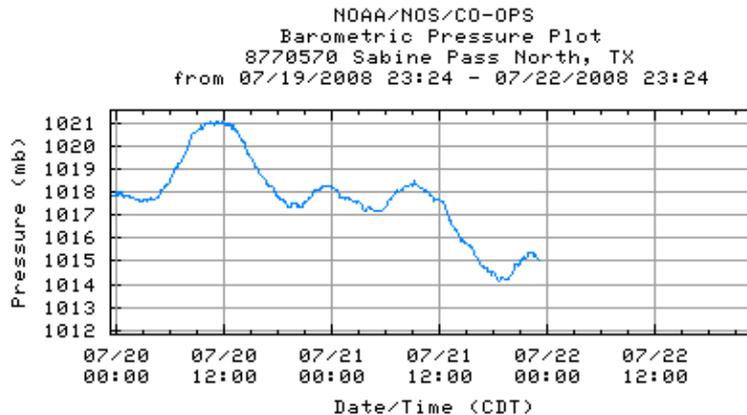


speed — gusts — direction +

Last Observed Sample: 07/21/2008 23:06 (CDT)

Wind Speed: 11 knots Gusts: 14 knots Direction: 131° T

Sabine Pass North, TX - Station Map [Return to List](#)

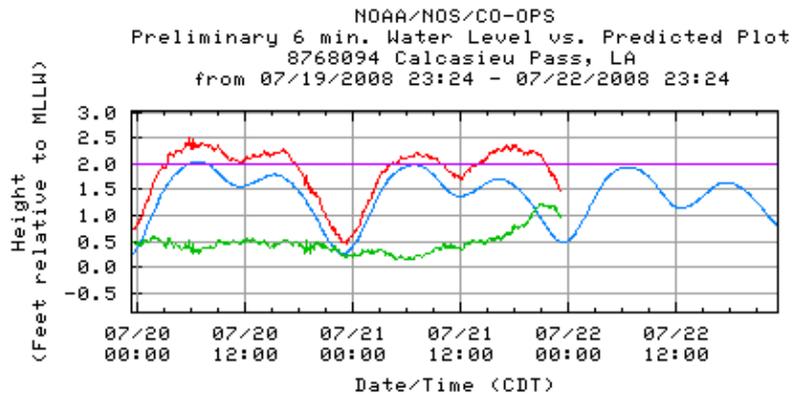


barometric pressure —

Last Observed Sample: 07/21/2008 23:06 (CDT)

Barometric Pressure: 1015.0 mb

Calcasieu Pass, LA - Station Map [Return to List](#)



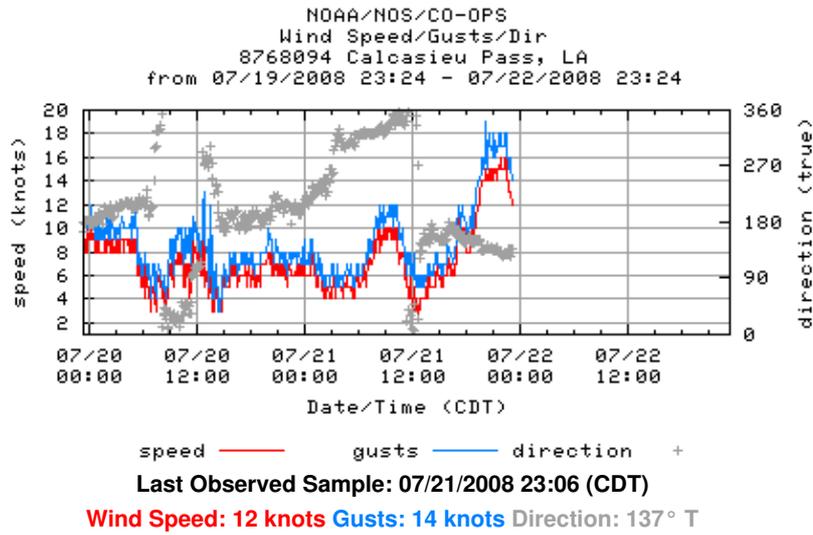
Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 07/21/2008 23:12 (CDT)

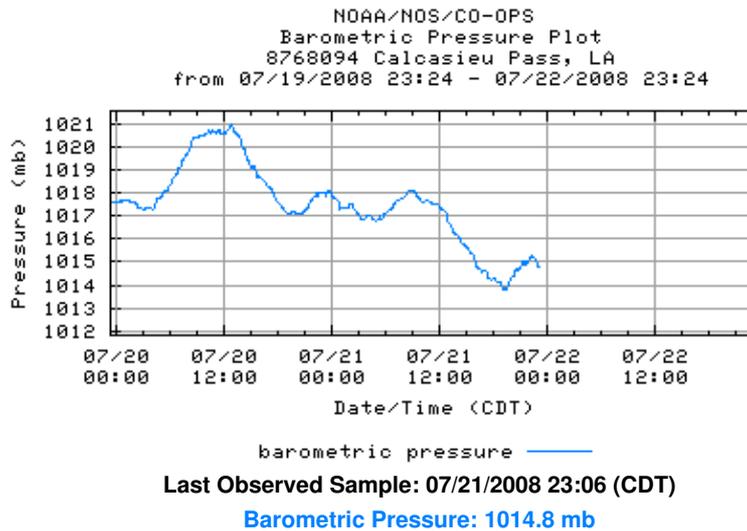
Relative to **MLLW**: Observed: 1.48 ft. Predicted: 0.49 ft. Residual: 0.99 ft.

Historical Maximum Water Level: n/a

Calcasieu Pass, LA - Station Map [Return to List](#)



Calcasieu Pass, LA - Station Map [Return to List](#)



Tropical Storm DOLLY QuickLook, POSTED 23:00 CDT 07/21/2008

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National Oceanic and Atmospheric Administration | U.S. Department of Commerce